

**Land Information**  
Minutes for April 19 2012 2:00 PM  
Courthouse A260

Jodi Helgeson called the meeting to order with Acting Chair Al Sebastiani enroute. The meeting was properly announced

Roll Call: Jodi Helgeson, Tyler Grosshuesch, Trena Larson, Cindy Phillippi, Sue Theisen, Mary Ann Bays, Greg Rhinehart and Al Sebastiani.

**Motion** by Mary Ann, seconded by Sue to approve the agenda. Motion carried unanimously.

**Motion** by Greg, seconded by Sue to approve minutes. Motion carried unanimously

Tyler presented a report on GIS activities:

Mapping groundwater observation wells and working on historical FEMA FIRM maps with parcel with P&Z. Petenwell Park map and proposed ATV trail area maps with Parks, addressing and Spillman update with Sheriff's Dept; Dam break flood shadows and Mason Lake watershed inventory map with Land and Water Conversation. Also working with various other departments. Attended LiDAR user group meetings and working with MSA to get new web map ready. Upcoming activities include Neenah Creek and Big Roche-a-Cri Creek watershed advisory group maps, plat book and efforts to move forward to more digital parcel mapping methods.

Tyler brought committee up to date on LiDAR project. Generally very good data. QC mostly complete but identified numerous errors. Still working with Ayres to possibly correct, however, Ayres has indicated that they have met their contract obligations. Other counties are having shared concerns. Discussion will take place at May WLIA meeting. Suggested that Tyler works with other counties to draft letter of concerns. Final invoice(statement) was submitted for payment as Corporation Counsel, Finance Director, LIO and Assistant LIO along with Zoning Administrator felt that contract was met even with some outstanding issues.

Tyler gave update on new web map services. He has been working with MSA and county users to review the map, many change requests, however, not all are possible; Sue expressed concern with using BING or Open street map due to concerns with accuracy. Open Street Map can be corrected. Need to use one of these to speed up performance. Very important to users. Tyler will send out link for all to view. Concern with how old data is. Need to obtain cost of imagery tile as it would make loading imaging easier. Not sure what date we will switch to new viewer but we will need to inform viewers of "how to". Possibly have in place first part of June. Could possibly hold training at library if needed. Motion by Mary Ann, seconded by Sue to allow search by name on both ADC Parcel Direct and on web map viewer. Motion carried. Question was presented as to how many people use the export feature that creates mailing labels. Would we save any cost by not having that feature. County Departments need this feature (such as Planning and Zoning). Jodi will review test users and others whether or not they use this feature and present back to committee.

Jodi presented base budget/education annual grant application. Suggested to use grant to scan and archive paper tract index in Register of Deeds Office. Estimated around \$11,000. Jodi will review costs from different vendors for best bang for bucks! Motion by Cindy, seconded by Tyler to move forward with this project. It will be presented to Planning and Zoning committee at May meeting. Grant is due May 22.

Tyler presented proposal on adding shoreland zoning layer to data order form. Motion by Jodi, seconded by Mary Ann to charge \$50 for this and add to data order list.

Need to review charges for large format copies. Jodi will gather information and present at next meeting. Our current cost is low.

New Planning and Zoning committee will be in place by May. No meeting date was set. Jodi will send out Doodle Calendar as she did last time. Proposed for June or early July due to budget schedule.

Motion by Mary Ann, seconded by Cindy to adjourn  
Meeting was adjourned at 3:15 PM

Respectfully submitted – Jodi Helgeson – Acting Secretary

## **6a. GIS Report**

### **Recent activity**

- Mapping groundwater observation wells – P&Z
- Historic FEMA FIRM map with parcels – P&Z
- Petenwell park map – Parks
- Proposed ATV trail area maps – Parks
- Addressing – RPL / Sheriff
- Spillman update – Sheriff
- Compiling dam break flood shadows – LWC
- Mason Lake watershed inventory map – LWC
- Nitrate map for the newspaper article – HHS
- Dam break exercise maps – EM
- Participated in the EM dam break exercise
  - Very good training experience
  - Opportunity to think and talk about my role in emergency response
  - Recognize the importance of our web map in public safety applications
  - Rome PD chief requested that flood shadows be available in Spillman
- Attended two lidar user group meetings (both with the same group)
  - One at WALCE conference (land conservation), didn't learn much, but met good people
  - One last week in La Crosse – a very good meeting
  - More about this down the agenda
- Working with MSA to get the new web map ready – more on this down the agenda

### **Upcoming activity**

- Neenah Creek and Big Roche a Cri Creek watershed advisory group maps – LWC
- Groundwater observation well use area map – P&Z
- Possible groundwater sampling project (Atrazine and nitrate) – LWC & HHS (and other partners)
- WLIA and lidar user group meeting – May 17-18 in Minocqua
- Plat book – next year
- Effort to move to more digital parcel mapping methods

## **6b. Update on lidar project**

- Generally very good data
- lidar QC mostly complete, except for report
  - Made shaded relief surface, reviewed entire county at 1:5000 scale (1 in. : 416.67 ft.)
- Identified numerous errors
  - most common error: misclassified ground points, especially brush piles classified as ground
- Other errors
- Ayres said no when I requested corrections
  - They say what they delivered meets contractual requirements
  - Contract is vague and incomplete, so they may be right
- How to proceed?
  - Push Ayres for corrections?
  - Meet with other counties (19 or 20) that received the same grant
    - discuss shared concerns
  - lidar user group meeting planned for May WLIA meeting

## **6d. Update of web map**

- Met with county users to review the map
- Many change requests, not all are possible, including some that I consider important
- Receiving very good service from Scott Kiley from MSA
- My opinion
  - user experience and performance are as important as data accuracy
  - slow maps cause user error, which leads to complaints
  - many of the changes we requested degrade user experience and performance.
- Options for future improvements to performance / user experience
  - Open Street Map: I can correct any errors we find, but cartography is so-so
  - ESRI Community Maps: I can submit county data to ESRI to be incorporated into their very nice base maps
  - Have our imagery tiled so it performs like the Bing/OSM/ESRI base maps
- When the new map is in use, host training sessions for various user groups – especially emergency services
- Consider having Subscription & Public (or Internal & External) web map, or just one map
  - Why have two?
    - restrict access to certain functions or data layers
    - examples: making land owner lists and mailing labels, search by owner name
  - Why not have two
    - user account management overhead
    - cost and overhead of having two sites compared to just one
  - If subscription, who will manage user accounts?